

Water-Data Report 2008

0208739678 NEUSE RIVER TRIBUTARY AT NORTH RALEIGH WWTP (CENTRAL SITE) NEAR AUBURN, NC

Neuse Basin
Upper Neuse Subbasin

LOCATION.--Lat 35°43'25", long 78°29'34" referenced to North American Datum of 1983, Wake County, NC, Hydrologic Unit 03020201, on left bank, 0.1 mi upstream from mouth, 1.2 mi east of bridge on Secondary Road 2555, 3.34 mi northeast of Auburn, at Neuse River Wastewater Treatment Plant.

DRAINAGE AREA.--0.23 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 2007 to May 2008.

GAGE.--Water-stage recorder. Datum of gage is 153.2 ft above National Geodetic Vertical Datum of 1929. Satellite telemetry at station.

REMARKS.--Records poor. No flow occurred many days.

0208739678 NEUSE RIVER TRIBUTARY AT NORTH RALEIGH WWTP (CENTRAL SITE) NEAR AUBURN, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.002	0.001	0.000
2	---	---	---	---	---	---	---	---	---	0.002	0.001	0.000
3	---	---	---	---	---	---	---	---	---	0.001	0.000	0.000
4	---	---	---	---	---	---	---	---	---	0.001	0.001	0.000
5	---	---	---	---	---	---	---	---	---	0.001	0.001	0.000
6	---	---	---	---	---	---	---	---	---	0.001	0.001	0.000
7	---	---	---	---	---	---	---	---	0.002	0.001	0.001	0.000
8	---	---	---	---	---	---	---	---	0.001	0.001	0.001	0.000
9	---	---	---	---	---	---	---	---	0.002	0.001	0.000	0.000
10	---	---	---	---	---	---	---	---	0.002	0.001	0.000	0.000
11	---	---	---	---	---	---	---	---	0.002	0.002	0.001	0.000
12	---	---	---	---	---	---	---	---	0.002	0.002	0.001	0.000
13	---	---	---	---	---	---	---	---	0.002	0.001	0.000	0.000
14	---	---	---	---	---	---	---	---	0.002	0.001	0.000	0.101
15	---	---	---	---	---	---	---	---	0.002	0.001	0.000	0.012
16	---	---	---	---	---	---	---	---	0.002	0.001	0.000	0.000
17	---	---	---	---	---	---	---	---	0.002	0.002	0.000	0.000
18	---	---	---	---	---	---	---	---	0.001	0.253	0.000	0.000
19	---	---	---	---	---	---	---	---	0.001	0.004	0.000	0.000
20	---	---	---	---	---	---	---	---	0.003	0.003	0.000	0.000
21	---	---	---	---	---	---	---	---	0.002	0.003	0.025	0.000
22	---	---	---	---	---	---	---	---	0.001	0.002	0.001	0.000
23	---	---	---	---	---	---	---	---	0.001	0.002	0.000	0.000
24	---	---	---	---	---	---	---	---	0.001	0.002	0.000	0.000
25	---	---	---	---	---	---	---	---	0.001	0.001	0.000	0.000
26	---	---	---	---	---	---	---	---	0.001	0.001	0.000	0.000
27	---	---	---	---	---	---	---	---	0.177	0.001	0.000	0.000
28	---	---	---	---	---	---	---	---	0.003	0.002	0.000	0.000
29	---	---	---	---	---	---	---	---	0.002	0.002	0.000	0.000
30	---	---	---	---	---	---	---	---	0.007	0.002	0.000	0.000
31	---	---	---	---	---	---	---	---	---	0.001	0.000	---
Total	---	---	---	---	---	---	---	---	0.222	0.301	0.035	0.113
Mean	---	---	---	---	---	---	---	---	0.01	0.01	0.00	0.00
Max	---	---	---	---	---	---	---	---	0.177	0.253	0.025	0.101
Min	---	---	---	---	---	---	---	---	0.001	0.001	0.000	0.000
Cfsm	---	---	---	---	---	---	---	---	0.04	0.04	0.00	0.02
In.	---	---	---	---	---	---	---	---	0.04	0.05	0.01	0.02

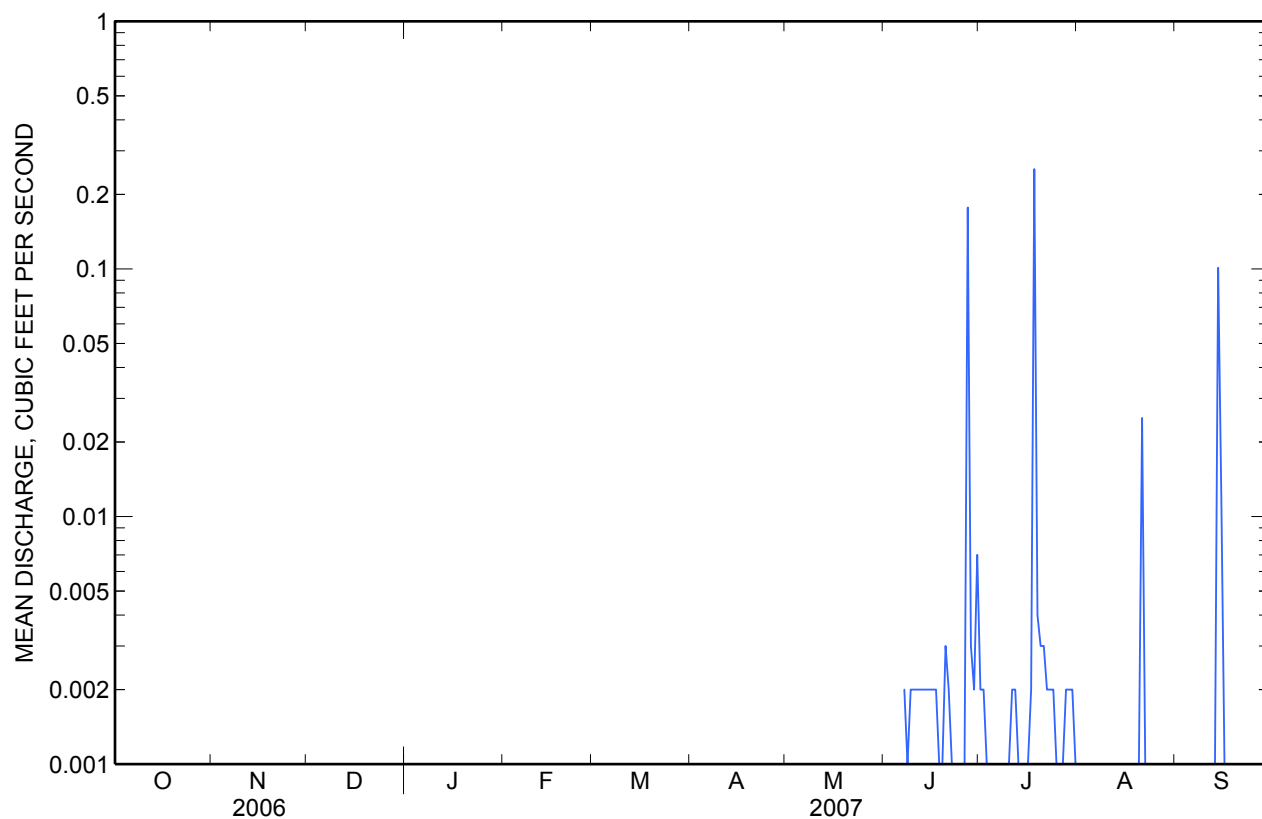
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2007 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
Max	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2007)	(2007)	(2007)
Min	---	---	---	---	---	---	---	---	---	0.01	0.00	0.00
(WY)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(---)	(2007)	(2007)	(2007)

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SUMMARY STATISTICS

Water Year 2007		
Highest daily mean	0.253	Jul 18
Lowest daily mean	0.000	Aug 3
Annual seven-day minimum	0.000	Aug 13



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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.000	0.002	0.001	0.030	0.031	0.007	0.017	0.011	---	---	---	---
2	0.000	0.002	0.001	0.019	0.008	0.008	0.011	0.009	---	---	---	---
3	0.000	0.001	0.001	0.010	0.007	0.008	0.022	0.008	---	---	---	---
4	0.000	0.002	0.001	0.010	0.007	0.008	0.018	0.008	---	---	---	---
5	0.000	0.001	0.002	0.009	0.007	0.009	0.691	0.008	---	---	---	---
6	0.000	0.001	0.001	0.008	0.006	0.006	0.095	0.007	---	---	---	---
7	0.000	0.001	0.002	0.007	0.006	0.305	0.028	0.007	---	---	---	---
8	0.000	0.001	0.002	0.007	0.006	0.022	0.020	0.008	---	---	---	---
9	0.000	0.002	0.001	0.007	0.006	0.014	0.016	0.026	---	---	---	---
10	0.000	0.001	0.001	0.006	0.005	0.012	0.013	0.006	---	---	---	---
11	0.000	0.002	0.001	0.006	0.006	0.011	0.012	0.033	---	---	---	---
12	0.000	0.002	0.001	0.006	0.006	0.010	0.011	0.013	---	---	---	---
13	0.000	0.001	0.000	0.006	0.041	0.011	0.010	0.006	---	---	---	---
14	0.000	0.000	0.000	0.006	0.010	0.012	0.009	0.006	---	---	---	---
15	0.000	0.002	0.005	0.006	0.007	0.036	0.008	0.007	---	---	---	---
16	0.000	0.001	0.051	0.006	0.006	0.018	0.009	0.008	---	---	---	---
17	0.000	0.001	0.004	0.021	0.006	0.019	0.010	0.006	---	---	---	---
18	0.000	0.000	0.003	0.007	0.047	0.018	0.010	0.008	---	---	---	---
19	0.000	0.000	0.003	0.035	0.008	0.018	0.009	0.006	---	---	---	---
20	0.000	0.000	0.003	0.011	0.007	0.013	0.022	0.008	---	---	---	---
21	0.000	0.000	0.003	0.010	0.008	0.006	0.011	0.006	---	---	---	---
22	0.000	0.000	0.003	0.009	0.010	0.005	0.012	0.005	---	---	---	---
23	0.000	0.000	0.004	0.008	0.008	0.004	0.016	0.005	---	---	---	---
24	0.033	0.001	0.003	0.007	0.007	0.005	0.016	0.005	---	---	---	---
25	0.023	0.002	0.003	0.007	0.007	0.005	0.016	0.005	---	---	---	---
26	0.069	0.003	0.100	0.007	0.011	0.004	0.023	0.005	---	---	---	---
27	0.185	0.001	0.010	0.007	0.010	0.004	0.093	0.004	---	---	---	---
28	0.005	0.001	0.008	0.006	0.008	0.005	2.2	0.007	---	---	---	---
29	0.004	0.002	0.007	0.006	0.007	0.006	0.068	---	---	---	---	---
30	0.003	0.001	0.414	0.007	---	0.009	0.016	---	---	---	---	---
31	0.003	---	0.081	0.007	---	0.205	---	---	---	---	---	---
Total	0.325	0.034	0.720	0.304	0.309	0.823	3.512	0.241	---	---	---	---
Mean	0.01	0.00	0.02	0.01	0.01	0.03	0.12	0.01	---	---	---	---
Max	0.185	0.003	0.414	0.035	0.047	0.305	2.2	0.033	---	---	---	---
Min	0.000	0.000	0.000	0.006	0.005	0.004	0.008	0.004	---	---	---	---
Cfsm	0.05	0.00	0.10	0.04	0.05	0.12	0.51	0.04	---	---	---	---
In.	0.05	0.01	0.12	0.05	0.05	0.13	0.57	0.04	---	---	---	---

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2007 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.01	0.00	0.02	0.01	0.01	0.03	0.12	---	---	0.01	0.00	0.00
Max	0.01	0.00	0.02	0.01	0.01	0.03	0.12	---	---	0.01	0.00	0.00
(WY)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(---)	(---)	(2007)	(2007)	(2007)
Min	0.01	0.00	0.02	0.01	0.01	0.03	0.12	---	---	0.01	0.00	0.00
(WY)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(2008)	(---)	(---)	(2007)	(2007)	(2007)

0208739678 NEUSE RIVER TRIBUTARY AT NORTH RALEIGH WWTP (CENTRAL SITE) NEAR AUBURN, NC—Continued

SUMMARY STATISTICS

	Calendar Year 2007	Water Year 2008	Water Years 2007 - 2008
Highest daily mean	0.414 Dec 30	2.2 Apr 28	2.2 Apr 28, 2008
Lowest daily mean	0.000 Aug 3	0.000 Oct 1	0.000 Aug 3, 2007
Annual seven-day minimum	0.000 Aug 13	0.000 Oct 1	0.000 Aug 13, 2007

